

Figure 1

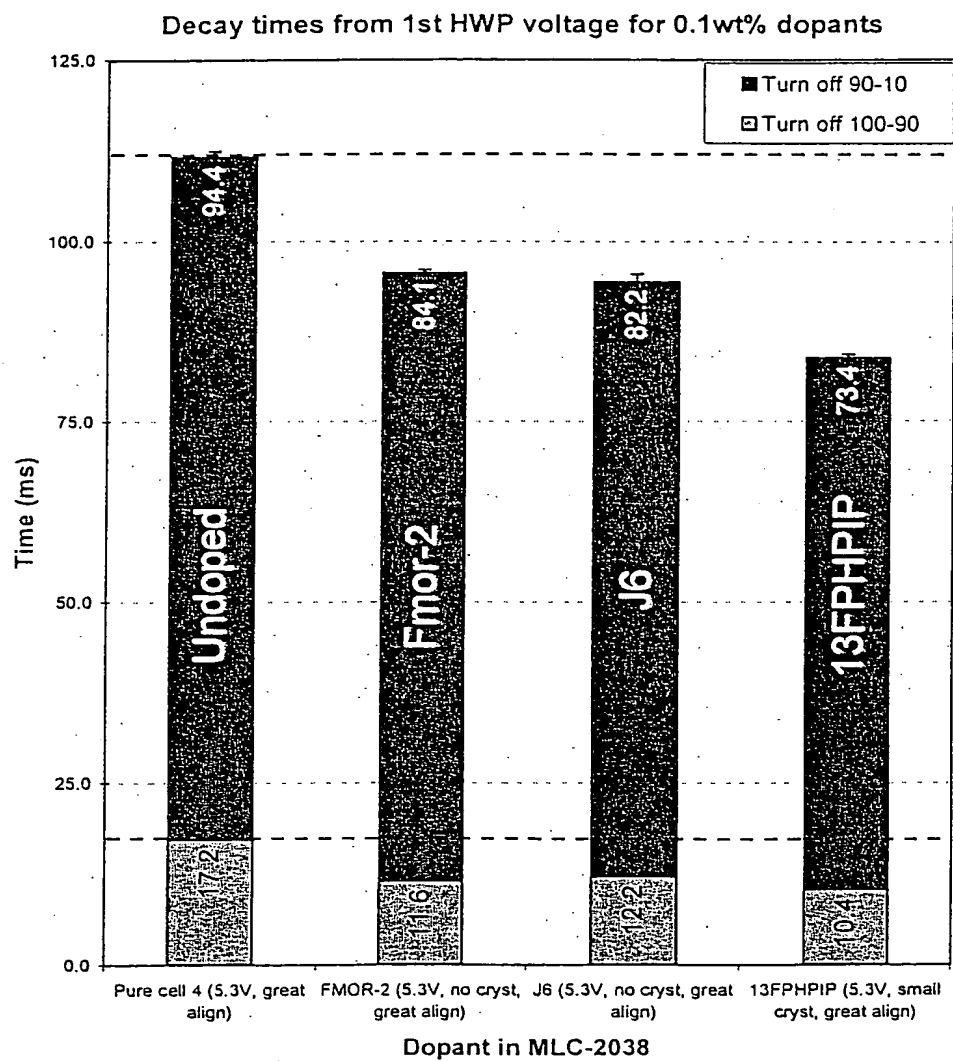


Figure 2

HWP on transmission intensity compared at differing cell rotations

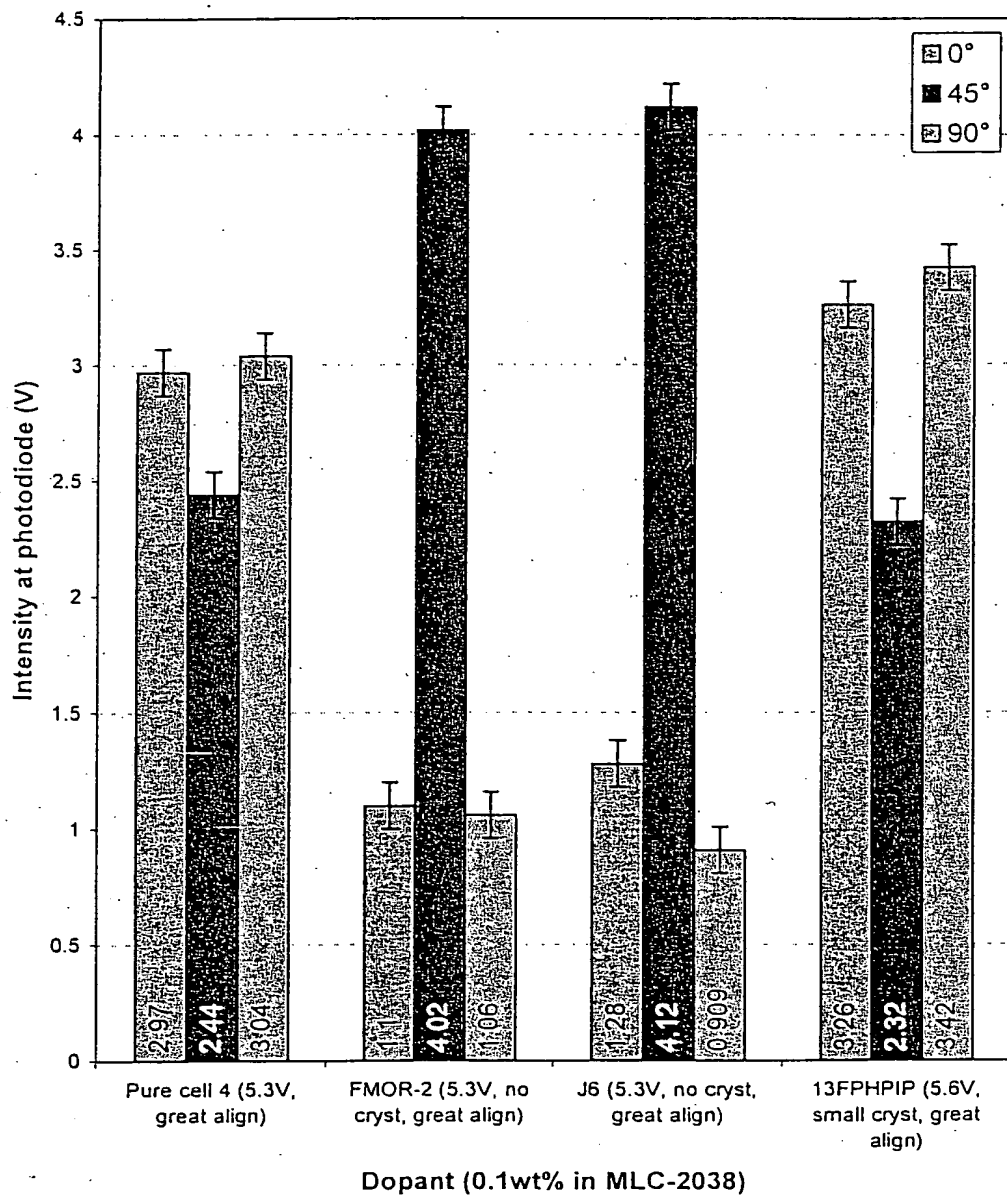


Figure 3

Off-state Transmission Intensity, cell @ 0°, 0.1wt%

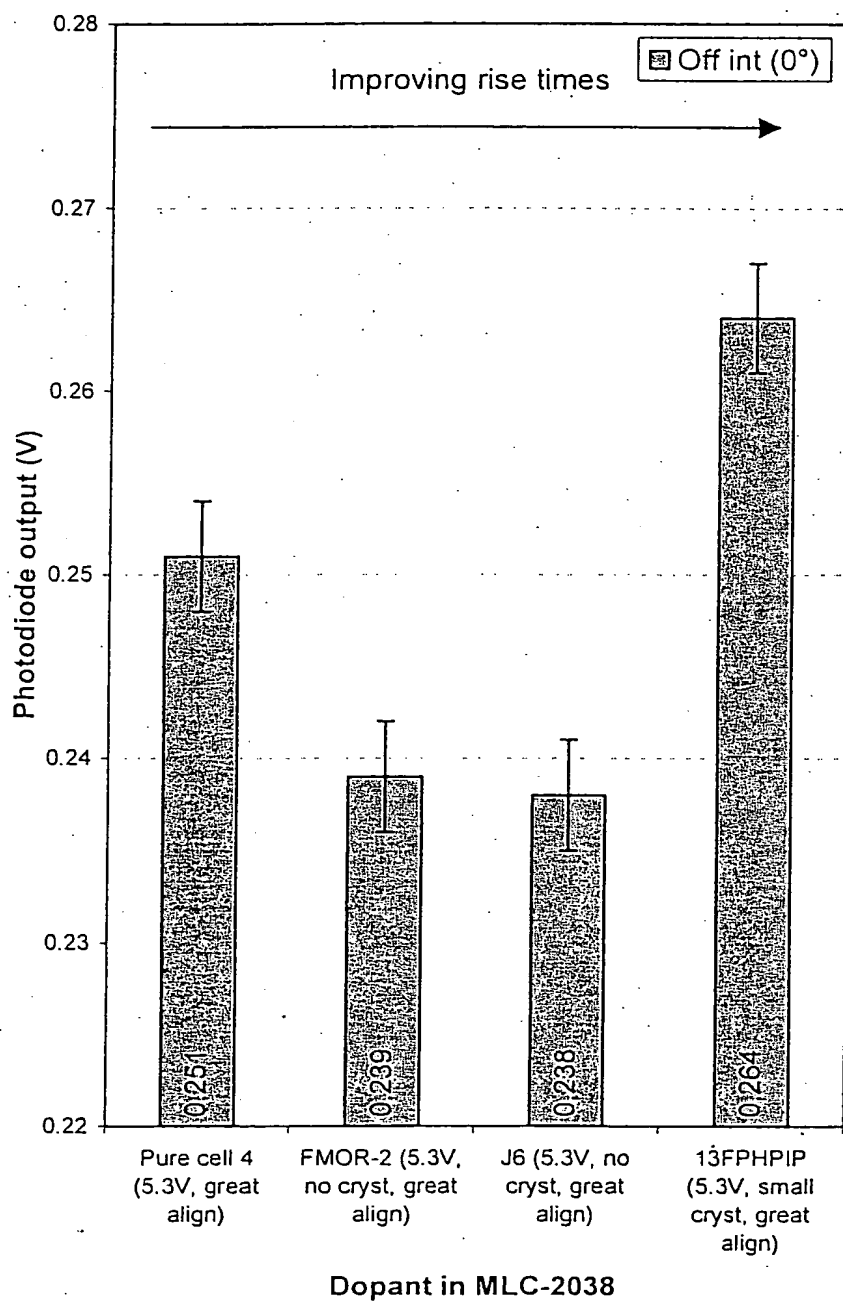


Figure 4

Transmission contrast ratio of dopants at various cell rotations

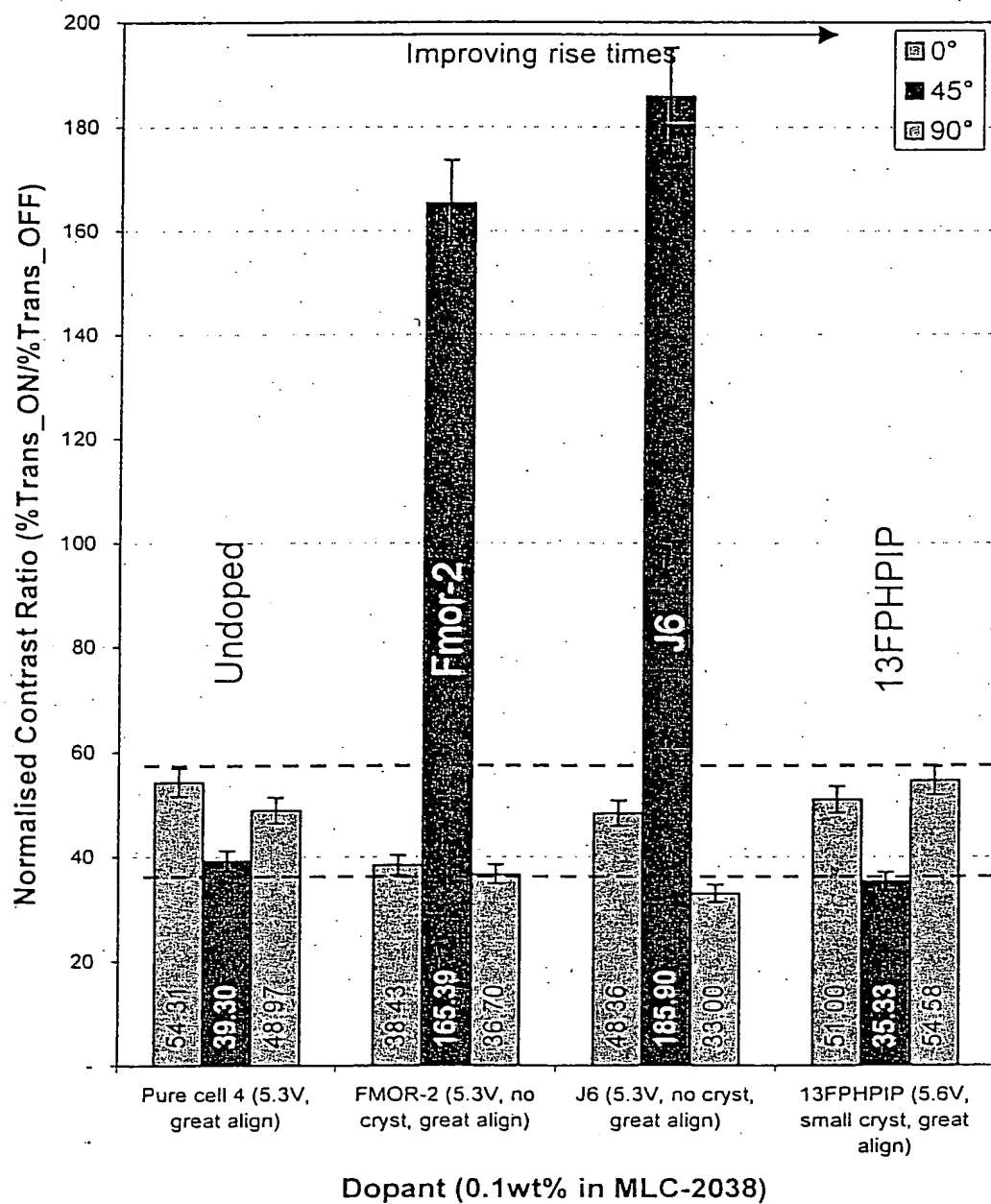


Figure 5

Figure 6

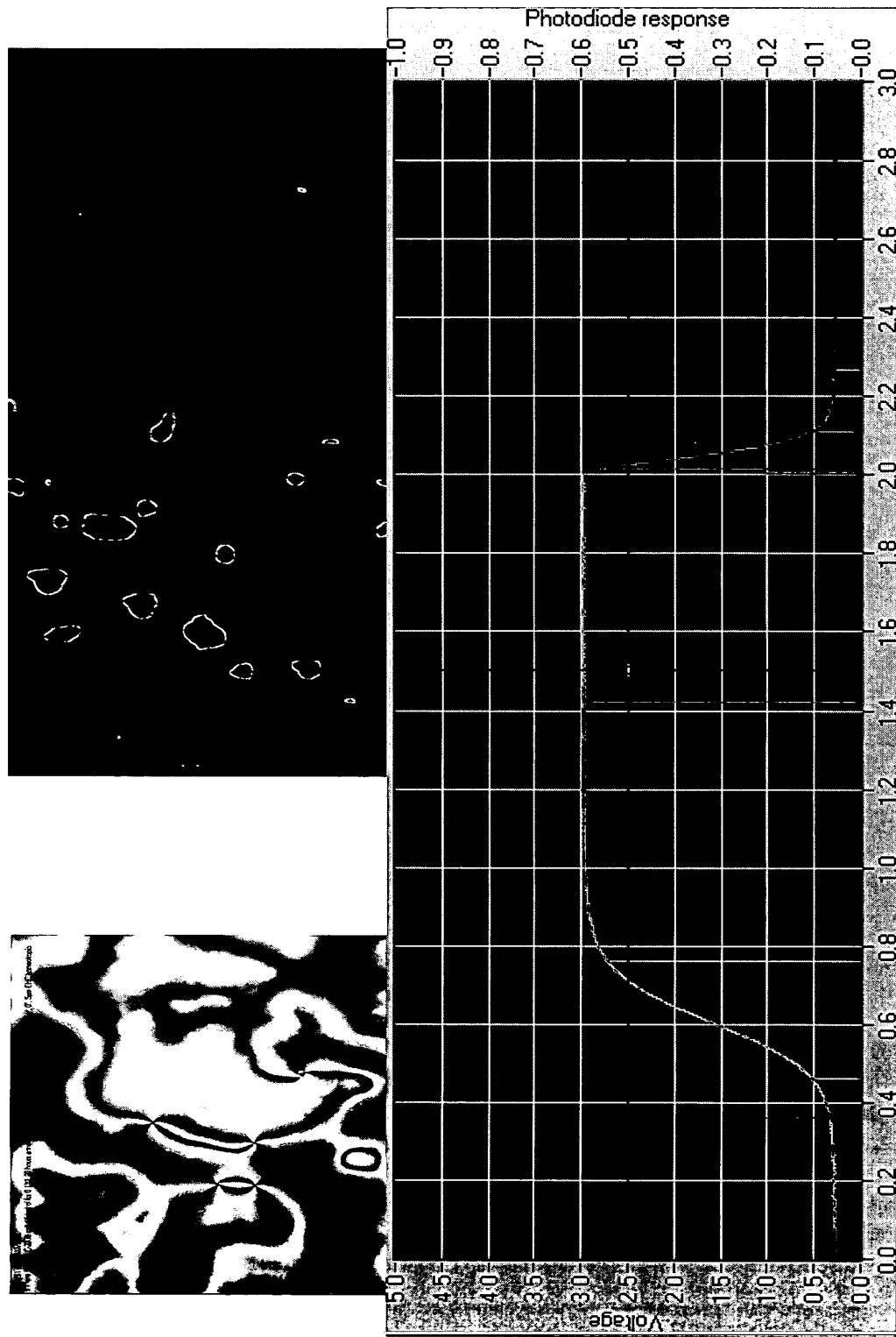


Figure 7

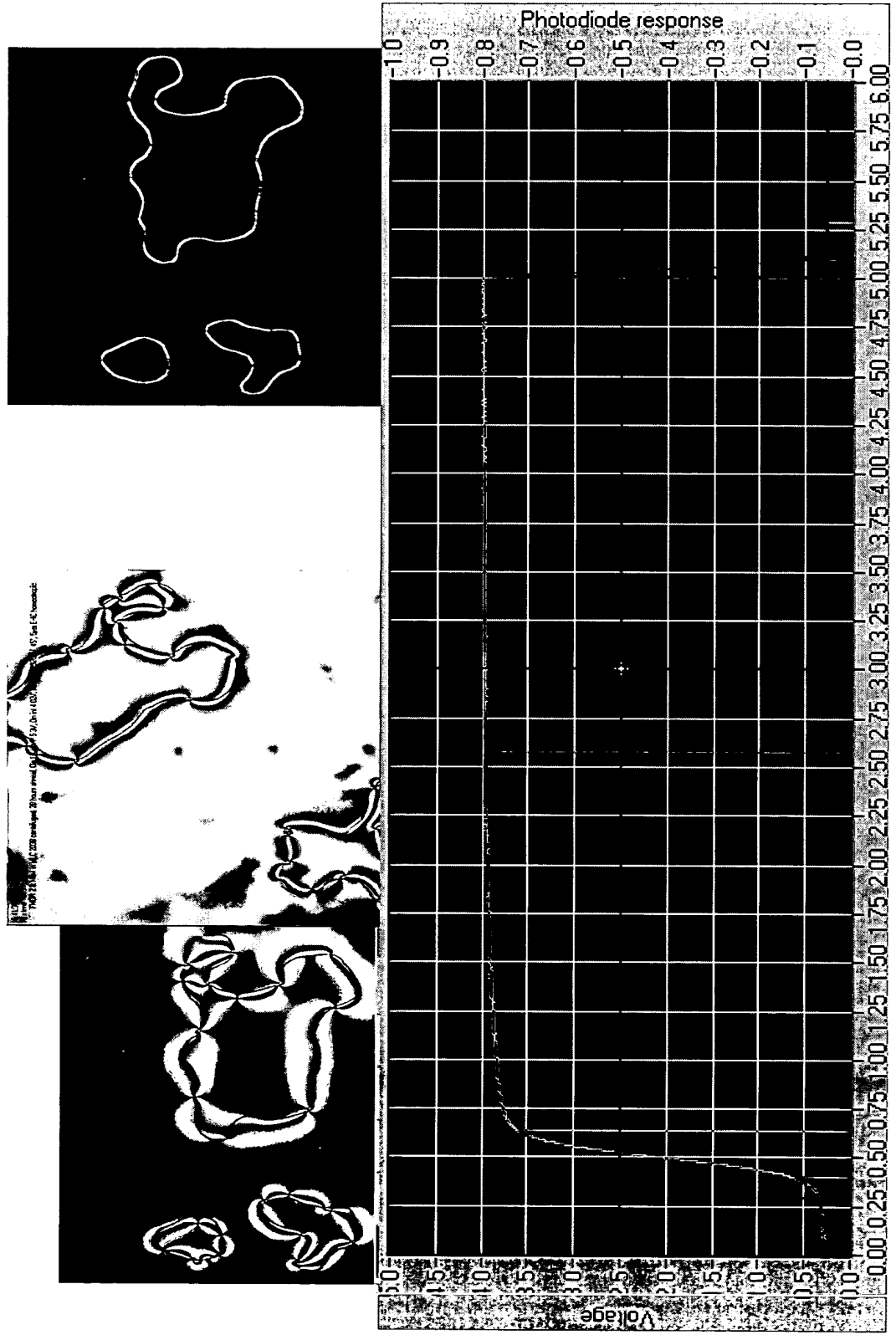
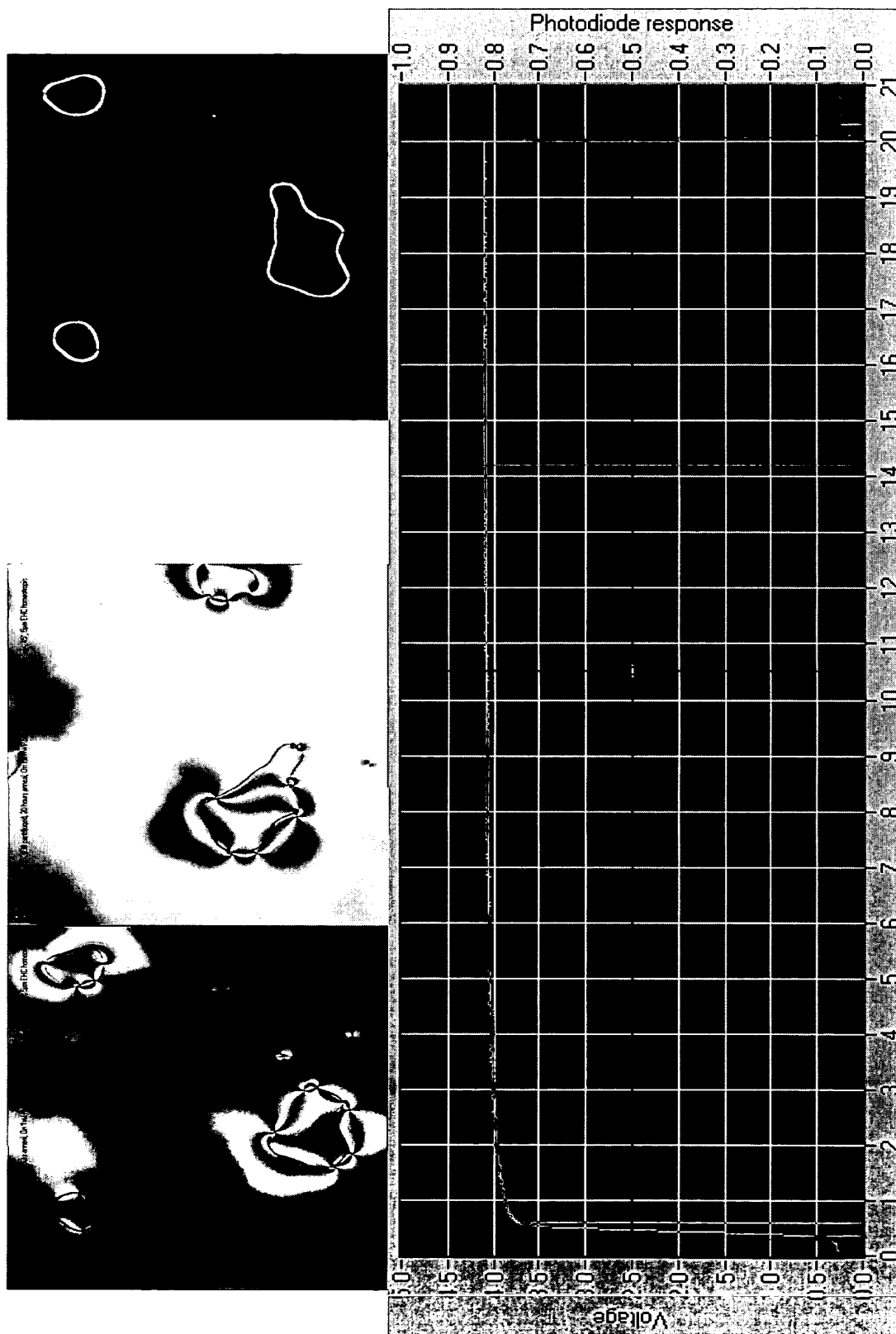


Figure 8



The image is a composite of two parts. On the left is a black and white micrograph showing a cell with a prominent nucleus. On the right is a graph titled "Photodiode response". The y-axis is labeled "Voltage" and ranges from 0.0 to 5.0. The x-axis is labeled "Photodiode response" and ranges from 0.00 to 1.0. The graph shows a curve that remains at 0.0V until a response of about 0.1, then rises sharply to 5.0V by a response of 0.25, and remains constant thereafter.

